



00862.023119

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
TETSUHITO IKEDA, ET AL. ) Examiner: Unassigned  
Appln. No.: 10/614,012 ) Group Art Unit: Unassigned  
Filed: July 8, 2003 )  
For: LIQUID DETECTION METHOD, )  
LIQUID DETECTION APPARATUS )  
AND PRINTING APPARATUS )  
USING THE LIQUID DETECTION ) October 27, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 CFR 1.56 and in accordance with the practice under 37 CFR 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

The Examiner's attention is also directed to the following U.S. application, a copy of which is enclosed:

<u>APPLN. NO.</u>	<u>INVENTOR(S)</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
10/357,359	Toshiharu Inui Masaya Uetsuki	February 4, 2003	2853

JP '231, JP '307, JP '938, JP '993, JP '986 and JP '967 are discussed at page 3 of the specification and may be relevant for the reasons discussed therein.

US '124, US '262, US '600, US '359, US '333, US '129, US '796, JP '847, JP '670, JP '461 and JP '260, which generally relate to ink jet recording, are discussed at pages 23-27 of the specification and may be relevant for the reasons discussed therein. US '577 corresponds to JP '260.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicants

Registration No. 33,628

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MAW:mt

OCT 27 2003

ATTY. DOCKET NO.  
00862.023119APPLICATION NO.  
10/614,012U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANTS

TETSUHITO IKEDA, ET AL.

FILING DATE

July 8, 2003

GROUP

Unassigned

Date Submitted to PTO: October 27, 2003

## U.S. PATENT DOCUMENTS

*EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,313,124	01/1982	HARA			
		4,345,262	08/1982	SHIRATO ET AL.			
		4,459,600	07/1984	SATO ET AL.			
		4,463,359	07/1984	AYATA ET AL.			
		4,558,333	12/1985	SUGITANI ET AL.			
		4,608,577	08/1986	HORI			
		4,723,129	02/1988	ENDO ET AL.			
		4,740,796	04/1988	ENDO ET AL.			
		6,155,673	12/2000	NAKAJIMA ET AL.			
		6,474,763	11/2002	MURAKAMI ET AL.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		54-56847	05/1979	JAPAN			ABSTRACT
		54-161938	12/1979	JAPAN			ABSTRACT
		59-6231	02/1984	JAPAN			NO
		59-123670	07/1984	JAPAN			ABSTRACT
		59-138461	08/1984	JAPAN			ABSTRACT
		60-71260	04/1985	JAPAN			ABSTRACT

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

FORM PTO 1449 (modified)

OCT 27 2003

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

Date Submitted to PTO: October 27, 2003

PATENT & TRADEMARK OFFICE		ATTY. DOCKET NO. <b>00862.023119</b>		APPLICATION NO. <b>10/614,012</b>			
		APPLICANTS <b>TETSUHITO IKEDA, ET AL.</b>					
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U.S. PATENT DOCUMENTS							
*EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>8-323993</b>	<b>12/1996</b>	<b>JAPAN</b>			<b>ABSTRACT</b>
		<b>8-336986</b>	<b>12/1996</b>	<b>JAPAN</b>			<b>ABSTRACT</b>
		<b>9-201967</b>	<b>08/1997</b>	<b>JAPAN</b>			<b>ABSTRACT</b>
		<b>10-119307</b>	<b>05/1998</b>	<b>JAPAN</b>			<b>ABSTRACT</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

MAW/int